Index of Claims

10/014,131

Examiner

Mariceli Santiago

Applicant(s)

ONISHI ET AL.

Art Unit

2879

| √ | Rejected | - | (Through numeral)<br>Cancelled | N | Non-Elected  | A | Appeal   |
|---|----------|---|--------------------------------|---|--------------|---|----------|
| = | Allowed  | ÷ | Restricted                     | ı | Interference | 0 | Objected |

| Claim Date   |          |                 |                         | ] [      | Claim Date |   |                 |          |          |                | 7        | Claim Date |         |              |                 |               |  |            | $\neg$       |            |          |          |         |              |  |                 |          |          |
|--------------|----------|-----------------|-------------------------|----------|------------|---|-----------------|----------|----------|----------------|----------|------------|---------|--------------|-----------------|---------------|--|------------|--------------|------------|----------|----------|---------|--------------|--|-----------------|----------|----------|
|              | . —      |                 |                         |          | Τ          | Π   |                 |          |          |                | <u> </u> | $\sqcap$   | Т       |              |                 | $\top$        | TI   |            |              |            |          |          | Τ       | Π            |  |                 | $\Box$   |          |
| Final        | Original | 8/12/04         | ı                       | -        |            |   |                 | i        |          | Final          | Original |            |         |              |                 |               |  |            | Final        | Original   |          |          |         |              |  |                 |          |          |
| iĒ           | Ę        | 3/1;            |                         |          |            |   |                 |          |          | 표              | Ğ        |            |         |              | Ιİ              | - 1           |  |            | 這            | )ić        |          |          |         |              |  | 1               |          |          |
|              |          |                 |                         |          |            |   |                 |          |          |                |          |            | $\perp$ |              |                 |               |  | _          |              |            |          |          |         |              |  |                 |          |          |
|              | _1       | Ш               |                         |          |            | L   |                 |          |          |                | 51       |            | $\perp$ |              |                 |               |  |            |              | 101        |          |          |         |              |  |                 |          |          |
|              | 2        | Ш               | $\perp$                 | $\perp$  |            |   | Ш               |          | ] [      |                | 52       |            |         |              |                 |               |  |            |              | 102        |          |          | L       |              |  |                 |          |          |
|              | 3        | Ш               |                         |          | $\perp$    | 上   |                 |          | ! L      |                | 53       |            |         |              |                 |               |  |            |              | 103        | Ш        |          |         | L            |  | Ш               |          | Ш        |
|              | 4_       | Ц               | _                       | _        |            | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ | Ш               |          | ļļ       |                | 54       |            |         |              | Ш               |               |  | _          |              | 104        |          |          | ↓_      | ┖            |  | Ш               |          | Ш        |
|              | 5        | Ш               | $\rightarrow$           | _        | _          | ╙   | $\sqcup$        |          |          |                | 55       |            |         | _            | Ш               | $\perp$       | 11   | _          |              | 105        | Ш        |          | 1       | <u> </u>     | L  | Ш               | _        |          |
|              | 6        | Н               | -                       |          | +          | <u> </u>  | $\vdash$        |          |          |                | 56       |            | $\perp$ | -            | $\sqcup$        | _             | $\perp$  | 4          |              | 106        | -        |          | ╄       | <u> </u>     | _  | $\vdash$        |          |          |
|              | 7        | $\vdash$        |                         | -        | -          | $\vdash$  | $\vdash$        | -        |          |                | 57       | -          | _       | -            | Н               |               | -  | _          | <u> </u>     | 107        | Ш        | $\perp$  | $\bot$  | _            | ├-   | $\vdash$        |          |          |
|              | 8        | $\vdash$        | -                       | +        | +          | ╁   | $\vdash$        |          | }        |                | 58<br>59 | _          | -       | +            | H               |               | +-+  | -∤         |              | 108        | Н        | -        | ╀       | <del> </del> | ├-   | $\vdash$        | $\dashv$ |          |
| <u> </u>     | 10       | H               | $\dashv$                | -        | +-         | ╁   | $\vdash$        |          | <b> </b> |                | 60       |            | +       | +            | $\vdash$        | -             | ++   | -          |              | 109<br>110 | -        | -        | ╁       | ⊢            | -  | $\vdash$        | $\dashv$ | _        |
|              | 11       | $\vdash$        |                         | +        | +          | ╁   | -               | +        | ┨╏       |                | 61       | -          | -       | +-           | $\vdash$        |               | ++   | -          |              |            | Н        | -        | ╁       | ⊢            | ┢  | $\vdash$        | $\dashv$ | $\dashv$ |
| $\vdash$     | 12       | $\vdash$        | +                       | +        | +-         | $\vdash$  | $\vdash$        | +        |          |                | 62       | +          | +       | +-           | ┤┤              | $\dashv$      | +++  | $\dashv$   |              | 111<br>112 | $\vdash$ | -        | ╁       | ┼            | $\vdash$   | $\vdash$        | $\dashv$ | $\vdash$ |
| <b> </b>     | 13       | $\vdash \vdash$ | $\dashv$                | +        | +          | ┼   | ╁╼┼             | +        |          | -              | 63       | +          | +       | +-           | $\vdash$        | +             | ++   | $\dashv$   | <del> </del> | 113        | $\vdash$ | $\vdash$ | +       | $\vdash$     | $\vdash$   | $\vdash \vdash$ | $\dashv$ | $\dashv$ |
|              | 14       | H               | $\dashv$                | +        | +          | $\vdash$  | $\vdash$        | +        |          | $\dashv$       | 64       | +          | +       | +            | $\vdash \vdash$ | +             | +-   | ⊣          |              | 114        | Н        | $\vdash$ | ╁       | +-           | ╁  | $\vdash \vdash$ | $\dashv$ | $\dashv$ |
| $\vdash$     | 15       | $\vdash$        | $\dashv$                | $\dashv$ | $\top$     | T   | $\vdash \vdash$ | +-       |          |                | 65       | +          | +       | +            | $\vdash$        |               | ++   | $\dashv$   | <b></b>      | 115        | Н        | _        | +       | $\vdash$     | ╁  | $\vdash \vdash$ | $\dashv$ | -        |
|              | 16       | 7               | $\dashv$                | +        | $\top$     | T   |                 | +        |          |                | 66       | +          | +       | +            | ╁┤              | +             | ++   | $\dashv$   |              | 116        | $\vdash$ | +        | +       | †            | <del>                                     </del> | $\vdash$        | $\dashv$ | -        |
| <u> </u>     | 17       | V               | 十                       | $\dashv$ | +          | $\vdash$  |                 |          | ĺÌ       |                | 67       | _          | +       | <del> </del> | H               | $\dashv$      | ++   | ┪          |              | 117        | Н        |          | +       | ╁            | $\vdash$   | $\vdash$        | ᅥ        | $\vdash$ |
|              | 18       | V               | $\neg$                  | _        | 十          | <del>                                     </del>  | H               | 1        |          |                | 68       |            | 十       | +            | $\Box$          |               | +  | ┨          |              | 118        | П        |          | +-      | 1            | H  |                 | $\dashv$ | $\vdash$ |
|              | 19       | 1               | $\neg$                  |          |            | Т   |                 |          |          | ,              | 69       |            | ┪       | <b>†</b>     | $\Box$          | $\neg$        |  | 7          |              | 119        | П        | $\neg$   | 1       | 1            | ┢  |                 | $\dashv$ |          |
|              | 20       | V               | $\neg$                  | 1        | $\top$     | Т   |                 |          |          |                | 70       |            | 1       | 1            |                 |               |  | _          |              | 120        | П        |          | _       |              |  | $\Box$          | $\neg$   |          |
|              | 21       | ✓               |                         |          |            |   |                 |          |          |                | 71       |            |         | $\top$       | П               | 一             |  | 7          |              | 121        |          |          | 1       |              |  | П               | コ        | $\neg$   |
|              | 22       | ✓               |                         |          |            | П   |                 |          |          |                | 72       |            |         | 1            | П               |               |  |            |              | 122        |          |          |         |              |  | П               |          |          |
|              | 23       | <b>√</b>        |                         |          |            |   |                 |          |          |                | 73       |            |         |              |                 |               |  |            |              | 123        |          |          |         |              |  |                 |          |          |
|              | 24       | ✓               |                         |          |            |   |                 |          |          |                | 74       |            |         |              |                 |               |  |            |              | 124        |          |          |         |              |  |                 |          |          |
|              | 25       | ✓               | _                       | $\perp$  | ┸          |   | Ш               |          |          |                | 75       |            |         |              | Ш               |               |  |            |              | 125        |          |          |         |              |  |                 |          |          |
| <u> </u>     | 26       | Ш               | _                       | $\perp$  | _          | <u> </u>  | Ш               |          |          |                | 76       |            |         |              | Ш               |               | $\perp \perp$                                    | _          |              | 126        |          |          |         |              |  |                 |          |          |
|              | 27       |                 | _                       | _        | _          | _   | $\sqcup$        |          |          |                | 77       |            | $\perp$ |              |                 |               | $\bot \bot$                                      | _          |              | 127        | Ш        |          | _       | L            |  | Ш               |          |          |
| <u> </u>     | 28       | Ш               | 4                       | +        | ┿          | _   | $\sqcup$        |          |          |                | 78       |            | 4       | 4_           | $\sqcup$        | _ _           | ++   | 4          |              | 128        | Ш        |          | $\perp$ | ļ            |  |                 | _        | ·        |
| <u> </u>     | 29       | Н               | 4                       | +        | +          | -   | $\sqcup$        |          |          |                | 79       | -          | _       | ╀            |                 |               | 11-  | 4          |              | 129        | Ш        | $\perp$  | ╙       | ㄴ            | L  | Ш               | ᆜ        |          |
| <u> </u>     | 30       | Н               | $\rightarrow$           | +        | +-         | ╀   | $\vdash$        |          |          |                | 80       | -          | +       | ╀            | $\vdash$        | +             | ┦-   | 4          |              | 130        | Ш        |          | _       | igspace      | <u> </u>   | $\sqcup$        | _        |          |
| <u> </u>     | 31<br>32 | $\vdash$        | +                       | +        | -          | ┼   | $\vdash$        | -        |          |                | 81       |            | +       | -            | $\vdash$        | _             | ╂  | 4          | L            | 131        | $\Box$   | -        | $\bot$  | ⊢            | <u> </u>   | $\vdash$        |          | -        |
|              | 33       | H               | $\dashv$                |          | +-         | $\vdash$  |                 | +        | -        | -              | 82       | +          | +-      | +-           | Н               |               | ₩  | -          |              | 132        | -        |          | ┼       | _            | H  |                 | -        | $\dashv$ |
| <b></b>      | 34       | $\vdash \vdash$ | +                       | +        | +          | -   | $\vdash$        |          | }        |                | 83<br>84 | +          | +       | +            | $\vdash$        | +             | ++-  | $\dashv$   | <del> </del> | 133<br>134 | $\vdash$ | -+-      | +       | -            | <del> </del>                                     | $\vdash$        | $\dashv$ | $\dashv$ |
| <del> </del> | 35       | $\vdash$        | +                       | +        | +-         | ╁   |                 | +        | <b> </b> | -+             | 85       | +          | +       | +-           | $\vdash$        | -             | + +  | $\dashv$   |              | 135        | $\vdash$ | +        | ╁       | $\vdash$     | $\vdash$   | $\vdash$        | $\dashv$ | $\dashv$ |
|              | 36       | $\vdash$        | $\dashv$                | +        | +          | $\vdash$  | $\vdash \vdash$ | +-       |          |                | 86       | $\dashv$   | +       | +            | $\vdash$        | +             | ++   | $\dashv$   | <del></del>  | 136        | ⊢┤       | $\dashv$ | +       | +-           | $\vdash$   | $\dashv$        | $\dashv$ | $\dashv$ |
| <b></b> -    | 37       | H               | $\dashv$                | +        | +          | 1   | $\vdash$        | +        |          |                | 87       |            | +       | +            | $\vdash$        | +             | <del>  -</del>                                   | $\dashv$   |              | 137        | H        | +        | +       | $\vdash$     | H  | $\vdash$        | $\dashv$ | $\dashv$ |
|              | 38       | H               | $\dashv$                | +        | +          | $\vdash$  | $\vdash$        | +        |          | -              | 88       | -+         | +       | +            | $\vdash$        | $\dashv$      | ++   | $\dashv$   |              | 138        | $\vdash$ | +        | +       | -            | $\vdash$   | $\dashv$        | $\dashv$ | $\dashv$ |
|              | 39       | H               | $\dashv$                | +        | 十          | T   | $\vdash \vdash$ | $\dashv$ |          |                | 89       | _          | $\top$  | +            | -               | +             | ++   | ┥          |              | 139        | $\vdash$ |          | +       | 1            | $\vdash$   | $\dashv$        | ᅱ        | $\dashv$ |
|              | 40       | $\Box$          | $\neg$                  | +        | $\top$     |   | $\vdash$        | $\neg$   |          |                | 90       | $\dashv$   | $\top$  | $\top$       | Н               | +             | <del>     </del>                                 | ┨          | $\vdash$     | 140        | $\vdash$ | $\dashv$ | 1       | 1            | 1  | $\neg$          | $\dashv$ | $\dashv$ |
|              | 41       |                 | $\dashv$                | $\top$   | 1          | T   | $\vdash$        |          |          |                | 91       | $\dashv$   | $\top$  | 1            | H               | $\neg \vdash$ | <del>                                     </del> | 1          |              | 141        | Н        |          | T       | 1            | H  | $\vdash$        | $\dashv$ | $\dashv$ |
|              | 42       | $\Box$          |                         | $\top$   | 1          | П   | $\sqcap$        |          |          | $\neg \dagger$ | 92       | 一          | $\top$  | 1            |                 | $\vdash$      | 1-1-   | 7          |              | 142        | $\Box$   | $\dashv$ | T       | 1            |  | $\sqcap$        | 寸        | ᅱ        |
|              | 43       |                 |                         |          | T          |   |                 |          |          |                | 93       | $\top$     |         | T            | П               | $\top$        |  | 7          |              | 143        |          | $\top$   | T       |              | П  | $\sqcap$        | $\dashv$ | $\dashv$ |
|              | 44       |                 |                         |          | I          |   |                 |          |          |                | 94       |            |         |              |                 |               |  | <b>]</b> [ |              | 144        |          |          | 1-      | l            |  | $\sqcap$        | $\neg$   | $\neg$   |
|              | 45       |                 |                         |          |            |   |                 |          |          |                | 95       |            |         |              |                 |               |  |            |              | 145        |          |          | Π       |              |  | $\Box$          |          | $\neg$   |
|              | 46       | Ш               | $oldsymbol{\mathbb{I}}$ |          |            |   | $\Box \Box$     |          |          |                | 96       |            |         |              |                 |               |  |            |              | 146        |          |          | $\prod$ |              |  |                 |          |          |
|              | 47       | Ц               | $\perp$                 | _[_      |            |   | Ц               | $\perp$  |          | ]              | 97       | $\perp$    |         |              |                 |               |  | ]          |              | 147        |          |          |         |              |  |                 |          |          |
|              | 48       | $\sqcup$        | $\dashv$                | _        | 4          | $\perp$   | Щ               | $\bot$   | [        | ]              | 98       |            |         | $\perp$      | Ш               |               | $\perp \perp$                                    | _          |              | 148        |          |          | L       | 匚            |  | $\Box$          | $\Box$   |          |
|              | 49       | $\sqcup$        | $\dashv$                | _        | 4          | $\vdash$  | $\sqcup$        |          |          |                | 99       | _ _        | 4       | 4_           | Ц               | _ _           | 4-1-   | _          |              | 149        | Ш        | _        |         | <u>L</u>     |  | $\Box$          | [        |          |
| L            | 50       |                 |                         | $\perp$  |            | L   | L.J.            |          | L        |                | 100      |            | $\perp$ |              | Ш               |               |  | ا ل        |              | 150        | Ш        |          |         | L            |  | $\Box$          |          | لـــ     |